

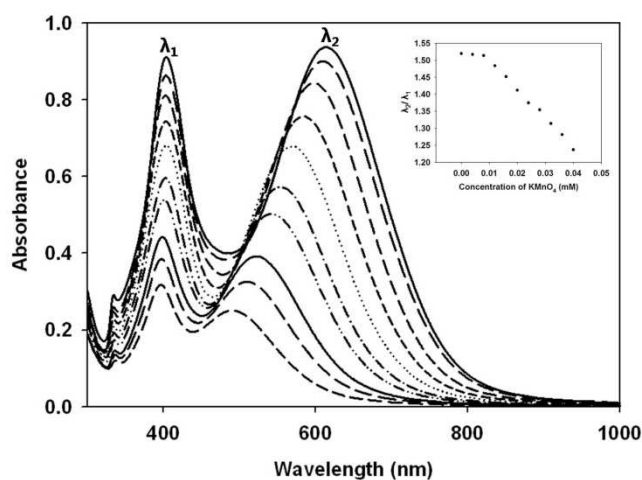
## Supplementary Information For

### Rapid, Reversible Preparation of Size-Controllable Silver Nanoplates by Chemical Redox

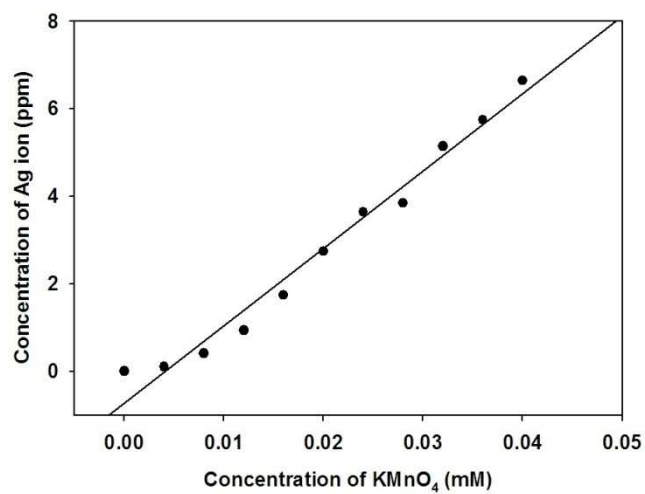
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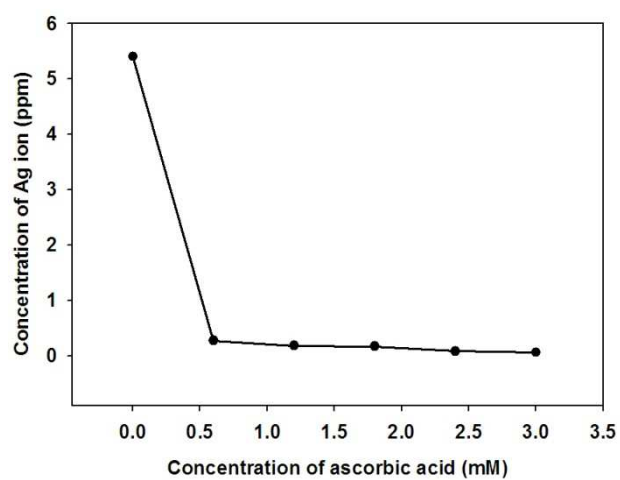
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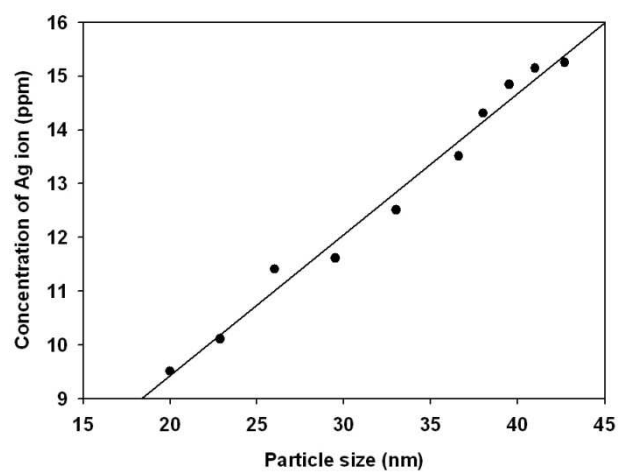
**Figure S1.** UV-vis spectra of the oxidized AgNPs by the various concentration of KMnO<sub>4</sub> (from 0.000 to 0.040 mM). Inset: the rate of the third and second peak according to the concentration of KMnO<sub>4</sub>.



**Figure S2.** The concentration variation of  $\text{Ag}^+$  according to the concentration of  $\text{KMnO}_4$  ( $R^2 = 0.977$ ).



**Figure S3** The concentration variation of  $\text{Ag}^+$  according to the concentration of AA.



**Figure S4.** The concentration variation of  $\text{Ag}^+$  according to the particle size.